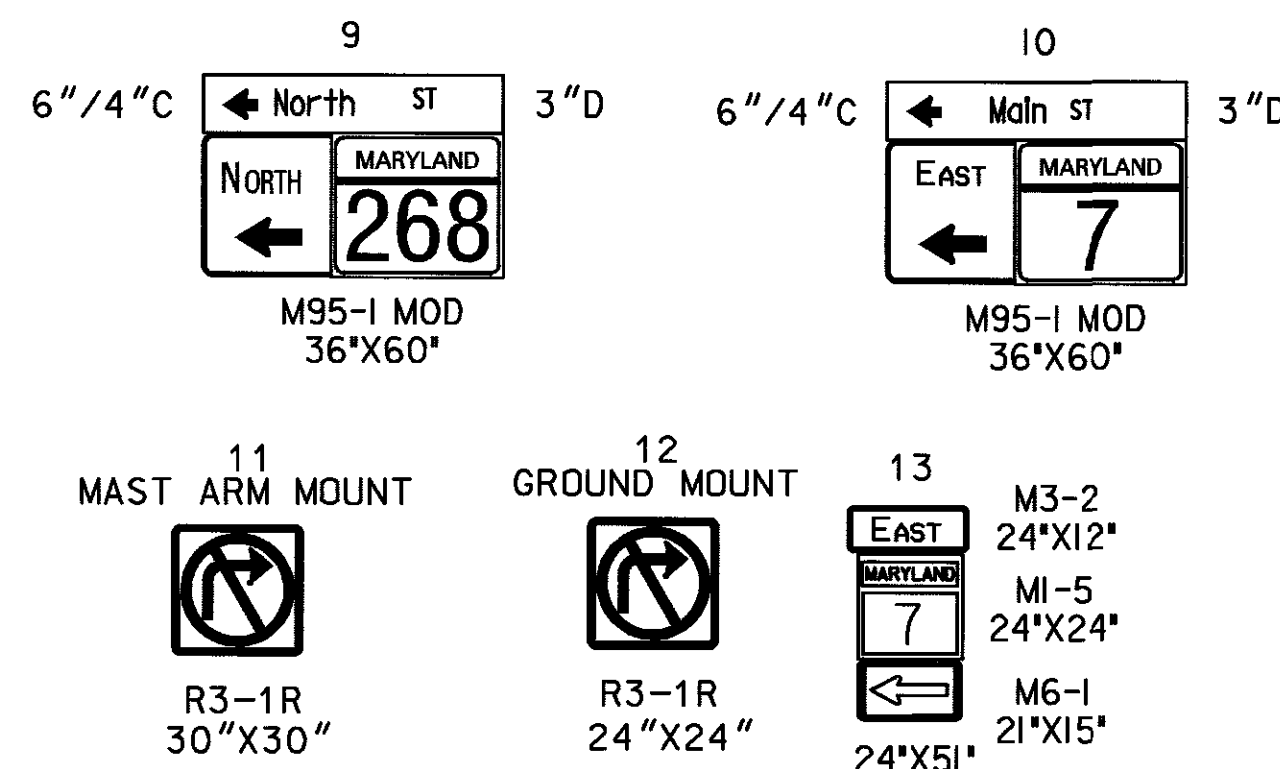
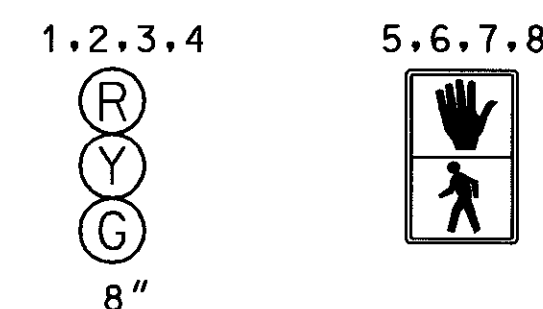


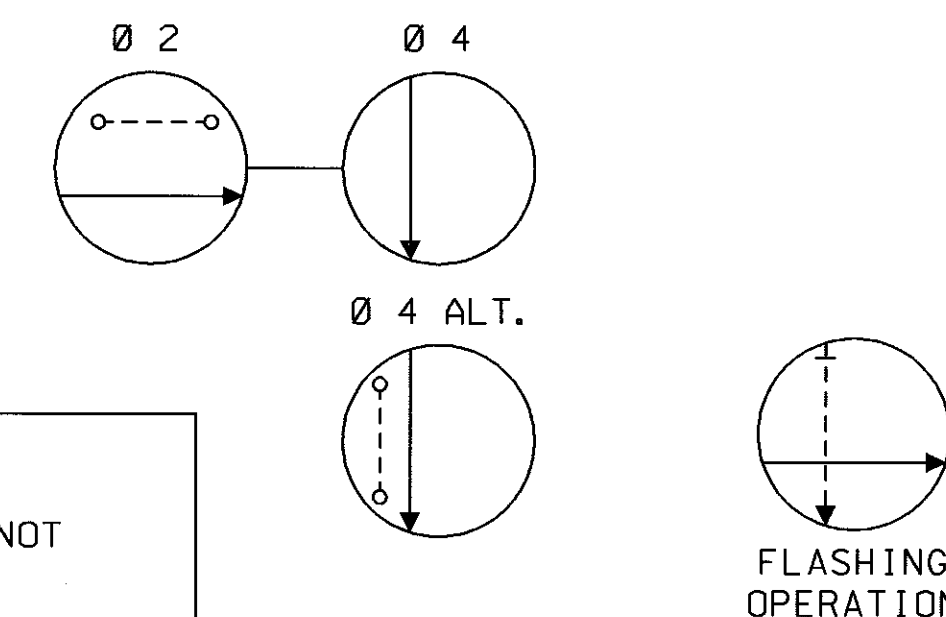
SIGNS



SIGNALS



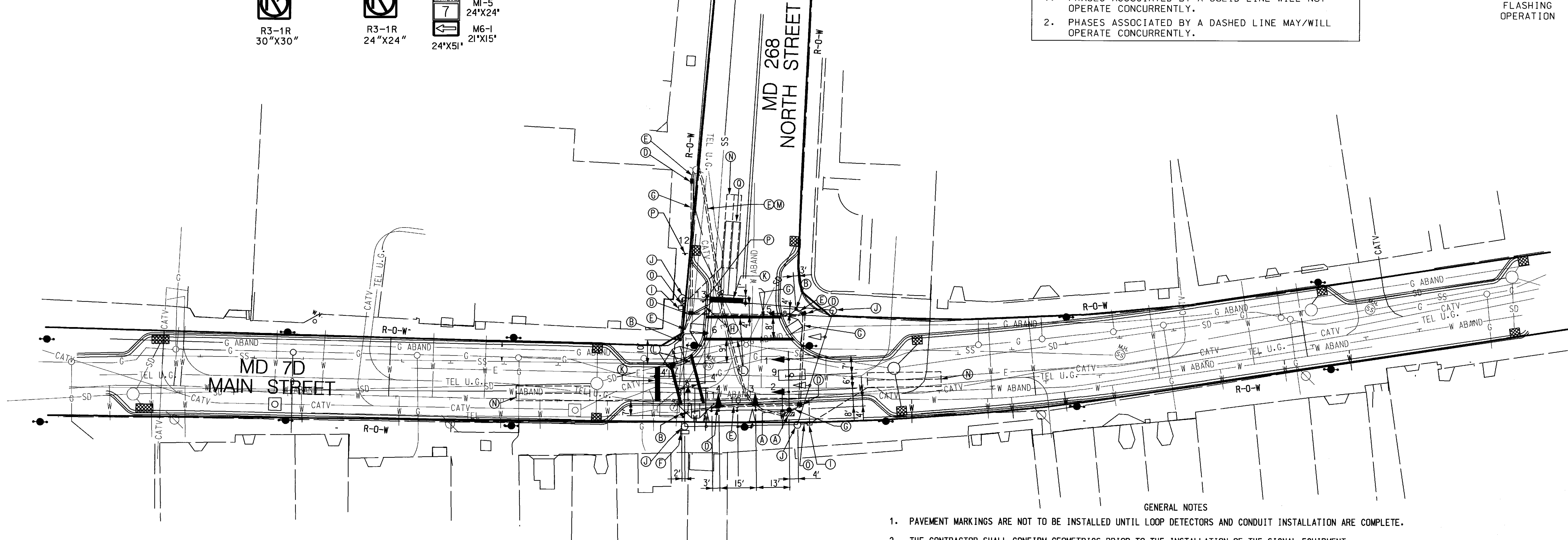
NEMA PHASING



PHASING NOTES:

- PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
- PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.

NOTE:
MD 7D IS ASSUMED TO RUN
IN EAST-WEST DIRECTION.



GENERAL NOTES

- PAVEMENT MARKINGS ARE NOT TO BE INSTALLED UNTIL LOOP DETECTORS AND CONDUIT INSTALLATION ARE COMPLETE.
- THE CONTRACTOR SHALL CONFIRM GEOMETRICS PRIOR TO THE INSTALLATION OF THE SIGNAL EQUIPMENT.
- PAVEMENT MARKING DETAILS ARE PROPOSED AND SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH S.H.A. STANDARDS.
- SEE PAVEMENT SHEET FOR ADDITIONAL STRIPING.
- STREET NAMES AND ROUTE MARKER SIGNS ARE TO BE INSTALLED PARALLEL TO THE ROADWAY.
- ALL SIGNAL EQUIPMENT TO BE INSTALLED TO FINAL GRADE.
- ALL UNDER GROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL NOTIFY MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER I MEDIATLY SO THAT THE CONFLICT MAY BE RESOLVED.

CONSTRUCTION DETAILS

- INSTALL 27 FT. STEEL POLE WITH TWIN 50' AND 50' MAST ARMS (CUT TO 42 AND 32' MAST ARMS), TRAFFIC SIGNAL HEADS, SIGNS, (NOTE: 2-2" PVC 90 DEGREE CONDUIT BEND, 2-4" PVC 90 DEGREE CONDUIT BEND).
 - INSTALL 10' PEDESTAL POLE PEDESTRIAN SIGNAL HEADS, PUSH BUTTONS, AND SIGNS TO READ "PUSH BUTTON TO CROSS MAIN STREET" (NOTE: 1-3" PVC 90 DEGREE CONDUIT BEND) (PUSHBUTTONS + SIGNS FOR WEST LEG ONLY).
 - INSTALL LOCAL CONTROLLER IN A NEMA SIZE 5 POLE MOUNT CABINET. ADD A CABINET BASE PLATE UNDER CONTROLLER.
 - INSTALL ELECTRICAL HAND HOLE.
 - INSTALL 3' SCHEDULE 80 PVC ELECTRICAL CONDUIT - BORED.
 - REMOVE EXISTING CONTROLLER AND CABINET.
 - INSTALL 4' SCHEDULE 80 PVC ELECTRICAL CONDUIT - BORED.
 - INSTALL 1" ELECTRICAL CONDUIT- GALVANIZED SLEEVE.
- REMOVE EXISTING ELECTRICAL HAND HOLE.
 - REMOVE STEEL POLE, SIGNS AND SIGNAL HEADS AND ALL ASSOCIATED EQUIPMENT.
 - INSTALL 24' WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (STOP LINE).
 - INSTALL 12' WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (CROSSWALK).
 - PROPOSED UNDERGROUND SERVICE.
 - ABANDON EXISTING LOOP DETECTORS.
 - ABANDON EXISTING CONDUIT.
 - INSTALL GROUND MOUNT SIGN.
 - INSTALL 6' X 30' LOOP DETECTOR, ENCASED IN 1/4" FLEXIBLE TUBING (3-6-3 TURNS) QUADRUPLE TYPE.

UTILITY LEGEND

G — G — GAS MAIN
W — W — WATER MAIN
S — S — SEWER MAIN
E — E — ELECTRIC CABLES
A — A — AERIAL CABLES
T — T — TELEPHONE CABLES

JMT
JOHNSON, MIRMIRAN & THOMPSON
Engineering A Brighter Future
72 Loveton Circle Baltimore, Maryland 21152-0949

REVISIONS		APPROVALS	
C REBUILD SIGNAL DUE TO NEW GEOMETRICS		TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION	
D MODIFY SIGNAL DUE TO ONE-WAY OPERATION		ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
C REPLACE SIGNAL LOOPS AND CABLES		CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
		DIRECTOR, TRAFFIC & SAFETY	



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNAL PLAN
MD 268 (NORTH STREET) AT MD 7D (MAIN STREET)

DRAWN BY: JSMH	F.A.P. NO.	SEE TITLE SHEET	TS NO.
CHECKED BY: DLA	S.H.A. NO.	SEE TITLE SHEET	TS-59E
SCALE: 1" = 20'	COUNTY: CECIL		T.I.M.S. NO.
DATE: OCTOBER, 1999	LOG MILE: 07D00701.65		D491

TS - 1

SHEET NO.

2 OF 5